

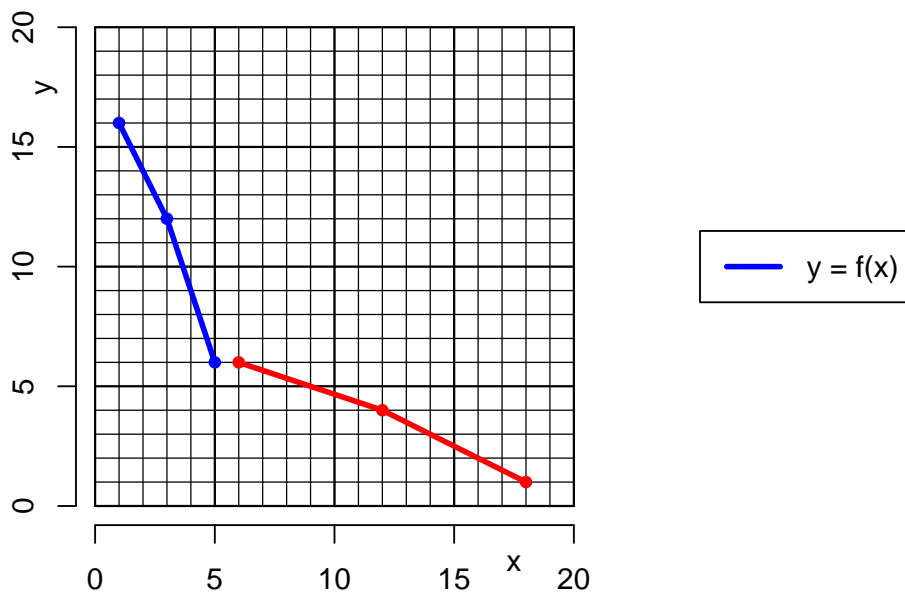
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 40)

Question 1

Curve $y = f(x)$ contains points $(1, 16)$ and $(3, 12)$ and $(5, 6)$, as shown on the x - y plane below.

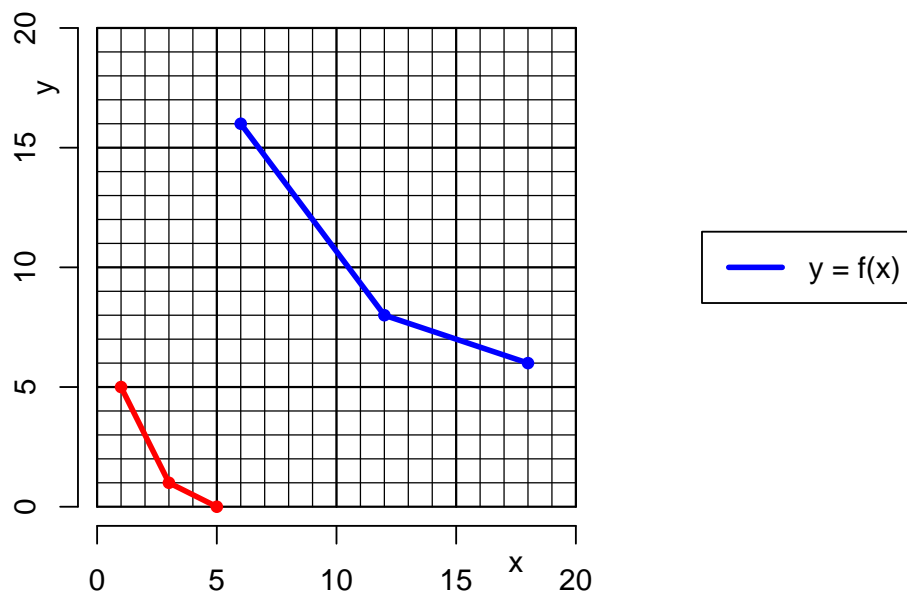


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x}{3} - 1\right] - 4}{2}$$

Question 2

Curve $y = f(x)$ contains points $(6, 16)$ and $(12, 8)$ and $(18, 6)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3x + 3] - 6}{2}$$